

Appl. No. 10/590,589  
Reply to Office Action of September 21, 2007

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A white light emitting diode comprising a phosphor layer to convert blue light into yellow light, provided on a blue light emitting diode,

wherein the phosphor layer comprises an inorganic compound containing a phosphor[[.]]

wherein the phosphor is (Y, Gd, Ce)<sub>3</sub>Al<sub>5</sub>O<sub>12</sub>, an oxide phosphor in which Zn, Ca, Mg, Sr, Sm or Ga is added into (Y, Gd, Pr)AlO<sub>12</sub> or (Y, Gd, Ce)Al<sub>5</sub>O<sub>12</sub>, a phosphor in which CaS, Ga<sub>2</sub>S<sub>3</sub> or EuS is mixed to be calcined, or a phosphor in which divalent Eu is activated to α-SiALON.

2. (Original) The white light emitting diode of claim 1,

wherein the inorganic compound is the phosphor.

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3. (Original) The white light emitting diode of claim 1,  
wherein the inorganic compound comprises a transparent  
inorganic oxide.
4. (Original) The white light emitting diode of claim 3,  
wherein the transparent inorganic oxide is an oxide of at  
least one kind selected from Al, Si, Ti, Ge, P, B, Y, Sn, Pb, Gd,  
Lu, Sc, In, Mg, Ca, Sr and Ba.
5. (Original) The white light emitting diode of claim 3,  
wherein the transparent inorganic oxide is silica or  
alumina.
6. (Original) A method of manufacturing a white light emitting  
diode comprising a phosphor layer to convert blue light into  
yellow light, provided on a blue light emitting diode, the method  
comprising a step of forming the phosphor layer comprising an  
inorganic compound containing a phosphor via an aerosol  
deposition method.

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7. (Original) The method of claim 6,

wherein a compound as the phosphor being the inorganic compound is prepared.

8. (Original) The method of claim 6,

wherein the inorganic compound comprising a transparent inorganic oxide is prepared.

9. (Original) The method of claim 6,

wherein an oxide of at least one kind selected from Al, Si, Ti, Ge, P, B, Y, Sn, Pb, Gd, Lu, Sc, In, Mg, Ca, Sr and Ba as the transparent inorganic oxide is prepared.

10. (Original) The method of claim 6,

wherein the transparent inorganic oxide being silica or alumina is prepared.